



CITY OF HAYWARD

AGENDA REPORT

AGENDA DATE 7/28/98

AGENDA ITEM 4

WORK SESSION ITEM _____

To: Mayor and City Council

From: Director of Public Works

Subject: **HIGH SCHOOL RESERVOIR ROOF CONSTRUCTION AND ACCESS ROAD UPGRADE -- APPROVAL OF ADDENDUM NO. 1, APPROPRIATION OF FUNDS, AND AWARD OF CONTRACT**

Recommendation:

It is recommended that the City Council:

- 1) Approve Addendum No. 1, which covers addition of a chain-link-fence along the access road and makes minor revisions to the plans and specifications,
- 2) Authorize an appropriation of \$20,000 for the project, and
- 3) Award the contract to the lowest bidder, John Clay General Engineering of Hayward, in the amount of \$454,034.

Background/Discussion:

High School Reservoir, located at 1515 Rex Road (above Centennial Hall), built in 1920, has a storage capacity of one million gallons. While preparing to place the reservoir into service in July 1997, it was discovered that a section of the roof had failed and collapsed into the empty reservoir. A roof specialist, hired to assess the structural integrity, concluded that the original roof was beyond a fixable condition and recommended a total replacement.

The original roof design was deficient in that dust could enter the tank interior, impacting the quality of the stored water. The tank, therefore, has been used primarily for summer peak storage requirements. This project will correct this deficiency and allow for the continuous use of this reservoir.

The access road is steep and storm runoffs have eroded ruts into the surface, resulting in a nearly impassable condition. The road will be graded, a new surface placed, and provisions for controlling storm runoffs to avoid road erosion will be implemented.

Due to the steepness of the access road, and the fact that the road would be paved, staff decided to install a fence to prevent skaters' and bicyclists' access to the road. Addendum No. 1 primarily covers that change, and makes minor revisions and clarifications to the plans and specifications.

Only one bid was received, submitted by John Clay General Engineering of Hayward, in the amount of \$514,480. The Contractor had made an adding error. After the correction, the bid was at \$522,480. The chain-link fence that was included in Addendum No. 1 had an item cost of \$68,446. Staff felt that the item cost was excessive, and that staff could get this work done less expensively at a later time by competitive bidding through a purchase order. After discussing the issue with the sole bidder, he agreed to the City's proposal to remove the chain-link-fence bid item from the bid, and reduce the total bid by

\$68,446, to a total of \$454,034. The engineer's estimate for this project was \$386,072, excluding the fence. The low bid is about 17.6 percent over the engineer's estimate.

One other contractor had purchased project plans and specifications. When contacted after the bid opening, the contractor said that he did not feel that he had the expertise to do most of the work, and, therefore, did not submit a bid

The goals for Disadvantaged Business Enterprises (DBE) and for Women Business Enterprises (WBE) participation on this project were 10 percent combined DBE and/or WBE. The bidder attained 12 percent DBE/WBE participation

Project Cost:

Roof Demo (previous contract)	\$56,000
Seismic Evaluation	14,750
Design and Construction Administration	22,500
Construction Cost	454,034
Construction Inspection and Administration	25,000
	<u>\$572,284</u>

Funding:

Using monies from the Annual System Replacement Program (an existing Water System Replacement Fund project), the failed roof, which posed a hazard to the entire structure, was removed last year and design for a replacement was immediately undertaken. Such action was also needed to assure replacement could be completed by the end of summer 1998. The roof demolition and the design work were paid for out of the Annual System Replacement Program. For the construction and associated inspection and administration services, a total of \$460,000 has been included in the Water System Replacement Fund for this project in the 19980999 Capital Improvement Program budget. An additional appropriation of \$20,000 is required to cover the construction, inspection, and administration services costs. Sufficient monies are available in the Fund balance for this appropriation.

Schedule:

Begin Work	August 17, 1998
Complete Work	November 1, 1998

Prepared by:


Alex Ameri, Deputy Director of Public Works/Utilities

Recommended by:


Dennis L. Butler, Director of Public Works

Approved by:


Jesús Armas, City Manager

Attachments: Exhibit A - Project Location Map
Exhibit B - Bid Summary (Total One Sheet)

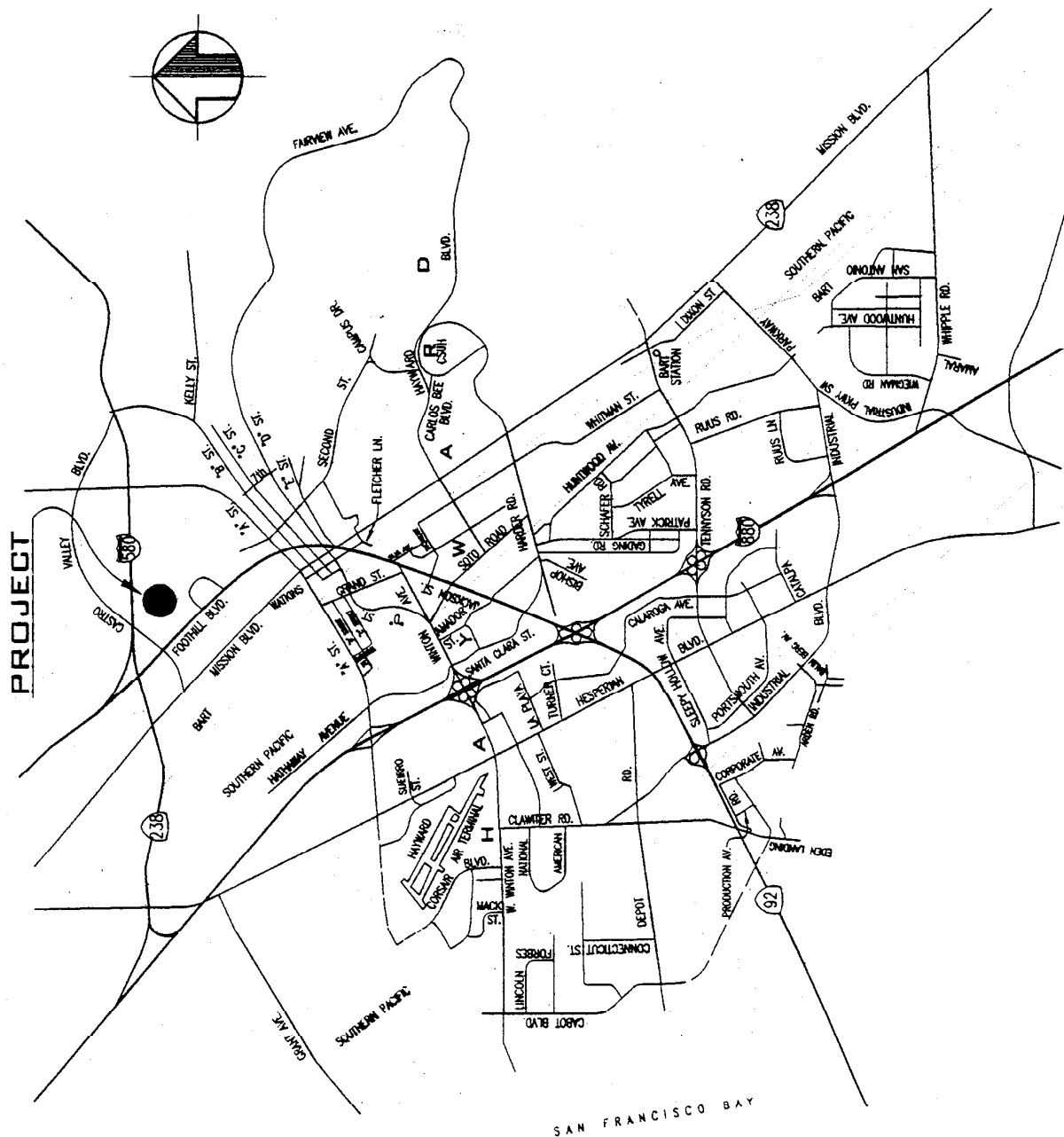


EXHIBIT A
PROJECT LOCATION

CITY OF HAYWARD
HIGH SCHOOL RESERVOIR ROOF REPLACEMENT AND ACCESS ROAD IMPROVEMENT
PROJECT NO. 7127
BIDS OPENED: TUESDAY, JULY 14, 1998

(NUMBER OF BIDS RECEIVED - 1)

EXHIBIT B

BID SUMMARY			ENGINEER'S ESTIMATE		JOHN CLAY GENERAL ENG 778 MARIN AVENUE HAYWARD CA 94541-6158 (510) 783-5820		
ITEM	QUANTITY	UNIT		UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	1	LS	RESERVOIR STRUCTURE	265,000.00	265,000.00	206,000.00	206,000.00
2	1	LS	RESERVOIR ROOF	43,400.00	43,400.00	128,000.00	128,000.00
3	1	LS	RESERVOIR VENTS AND ACCESS	12,000.00	12,000.00	15,000.00	15,000.00
4	1	LS	EARTHWORK	5,000.00	5,000.00	36,900.00	36,900.00
5	180	TN	ASPHALT CONCRETE	130.00	23,400.00	134.00	24,120.00
6	21	TN	A C G U T T E R	130.00	2,730.00	134.00	2,814.00
7	1	LS	PRIME COAT	1,000.00	1,000.00	2,000.00	2,000.00
8	189	CY	AGGREGATE BASES	28.00	5,292.00	50.00	9,450.00
9	1	EA	G-2 INLET	1,500.00	1,500.00	1,500.00	1,500.00
10	1	EA	CONCRETE DROP STRUCTURE	500.00	500.00	800.00	800.00
11	50	LF	8-INCH CORRUGATED PLASTIC PIPE	25.00	1,250.00	49.00	2,450.00
12	1,062	LF	CHAIN LINK FENCE AND GATE	23.00	24,426.00	64.45	68,445.90
13	1	LS	ADMINISTRATIVE CHANGE ORDER	25,000.00	25,000.00	25,000.00	25,000.00
			TOTAL BID		410,498.00		522,479.90 *

* TOTAL DIFFERENT THAN SUBMITTED BID

DRAFT

JB 7/22/98

HAYWARD CITY COUNCIL

RESOLUTION NO. _____

Introduced by Council Member _____

RESOLUTION APPROVING ADDENDUM NO. 1 FOR THE
HIGH SCHOOL RESERVOIR ROOF CONSTRUCTION AND
ACCESS ROAD UPGRADE, PROJECT 7127, AND
AWARDING CONTRACT TO JOHN CLAY GENERAL
ENGINEERING

WHEREAS, on June 16, 1998 the City Council approved the plans and specifications for the High School Reservoir Roof Construction and access road upgrade, Project 7 127, and called for bids to be received on July 14, 1998; and

WHEREAS, Addendum No. 1 covers the addition of a chain link fence along the access road and makes minor revisions to the plans and specifications.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Hayward that Addendum No. 1 is hereby approved and adopted as part of the plans and specifications for the project.

BE IT FURTHER RESOLVED that John Clay Engineering of Hayward, California, is hereby awarded the contract for the High School Reservoir Roof Construction and Access Road upgrade, Project No. 7127, in accordance with the plans and specifications adopted **therefor** and on file in the office of the City Clerk of the City of Hayward at and for the price named and stated in the bid of the hereinabove specified bidder, and all other bids are hereby rejected.

BE IT FURTHER RESOLVED that the City Manager is hereby authorized and directed to execute an agreement for the award of the contract on behalf of the City of Hayward, in an amount not to exceed \$454,034, in a form to be approved by the City Attorney.

IN COUNCIL, HAYWARD, CALIFORNIA _____, 1998

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSTAIN:

ABSENT:

ATTEST: _____
City Clerk of the City of Hayward

APPROVED AS TO FORM:

City Attorney of the City of Hayward

DRAFT HB 7/22/98

HAYWARD CITY COUNCIL

RESOLUTION NO. _____

Introduced by Council Member _____

RESOLUTION AMENDING RESOLUTION 98-110, AS
AMENDED, THE BUDGET RESOLUTION FOR
CAPITAL PROJECTS FOR FISCAL YEAR 1998-99,
RELATING TO AN APPROPRIATION OF FUNDS FOR
THE HIGH SCHOOL RESERVOIR ROOF
CONSTRUCTION AND ACCESS ROAD UPGRADE

BE IT RESOLVED by the City Council of the City of Hayward that
Resolution No. 98-110, as amended, the Budget Resolution for Capital Projects for fiscal
year 1998-99, is hereby **further** amended by appropriating \$20,000 from the Water System
Replacement Fund balance, Fund 623, for the High School Reservoir Roof Construction
and Access Road Upgrade, Project No. 7127.

IN COUNCIL, HAYWARD, CALIFORNIA _____, 1998

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSTAIN:

ABSENT:

ATTEST: _____
City Clerk of the City of Hayward

APPROVED AS TO FORM:

City Attorney of the City of Hayward